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Transmitting signals between ISDN networks - dividing signals into cell packets and transmitting via ATM network to different ISDN network for decoding

Patent Assignee: SIEMENS AG (SIEI)

Inventor: ROMBACH H

Number of Countries: 010 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4224388	C1	19930722	DE 4224388	A	19920723	199329 B
EP 580012	A1	19940126	EP 93110780	A	19930706	199404
FI 9303302	A	19940124	FI 933302	A	19930722	199414
EP 580012	B1	19980304	EP 93110780	A	19930706	199813
DE 59308198	G	19980409	DE 508198	A	19930706	199820
			EP 93110780	A	19930706	
ES 2113452	T3	19980501	EP 93110780	A	19930706	199824

Priority Applications (No Type Date): DE 4224388 A 19920723

Cited Patents: 01Jnl.Ref; DE 3942275; EP 493176

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4224388	C1		4	H04M-011/00	
EP 580012	A1	G	5	H04M-011/00	
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DE 59308198	G			H04L-029/06	Based on patent EP 580012
ES 2113452	T3			H04L-029/06	Based on patent EP 580012
FI 9303302	A			H04L-012/56	

Abstract (Basic): DE 4224388 C

The ISDN networks (SB) have associated ISDN narrow band communication systems (KS). Narrow band end devices (SBTLN) are connected to these. Signalling signals and information signals in the form of cells are transmitted in an ATM network (BB). The cells have a preamble and an information part.

The output signals from a calling end device (SBTLN) of a first network (SB1) are formed into packets in a first network transmission unit (IWU1). They are inserted into the information part of the cells. The cells are transmitted to at least one end device (SBTLN) of another network (SB2) via the ATM network (BB) through connections, via a second transmission unit (IWU2). The latter (IWU2) unpacks the cells and sends the signal contents to the receiving subscriber.

USE/ADVANTAGE - Esp. for information communication in office.

Enables higher quantities of data to be accurately transmitted quickly and simply.

Dwg.1/1

Title Terms: TRANSMIT; SIGNAL; ISDN; NETWORK; DIVIDE; SIGNAL; CELL; PACKET; TRANSMIT; ATM; NETWORK; ISDN; NETWORK; DECODE

Derwent Class: W01

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International Patent Class (Additional): H04L-012/66; H04Q-011/04
File Segment: EPI